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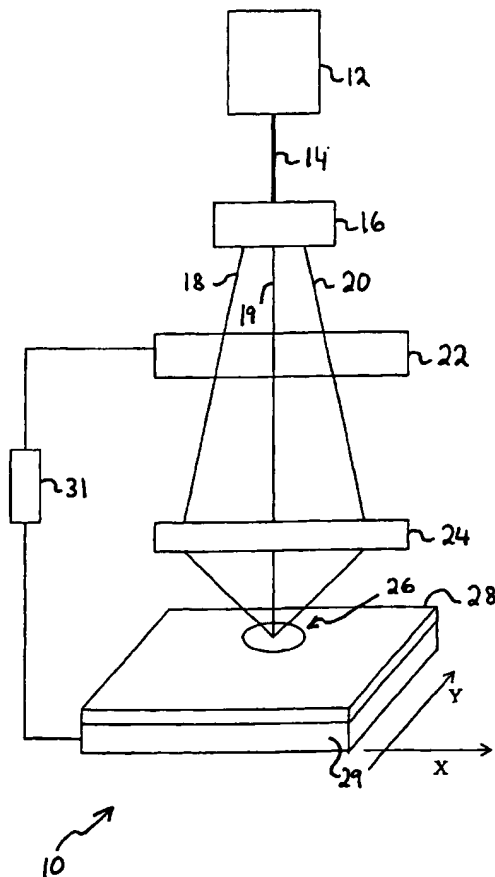
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(54) Title: WRITING OF PHOTO-INDUCED STRUCTURES



(57) **Abstract:** A method of writing a photo-induced structure into a photosensitive material substrate, the method comprising the steps of creating an interference pattern utilising at least two light beams, exposing the substrate to the interference pattern for photo-inducing material changes in the substrate, and creating an irregularity in the interference pattern by controlling a wavefront of at least one of the beams, for creating a functional defect in the photo-induced structure.

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